

TECH ANANTH

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Volume 3 Issue II

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Memorable 75th Republic Day Celebrations @ JNTU Anantapur.



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JNTU ANANTAPUR CELEBRATES XIII CONVOCATION



Jawaharlal Nehru Technological University (JNTUA) Anantapur celebrated its XIII Convocation on **6 January 2024** (Saturday). About 86,142 students from 154 colleges were awarded bachelors, post graduate and doctorate degrees at the 13th Convocation held at the University's NTR Auditorium. Andhra Pradesh Governor Shri. Justice S Abdul Nazeer took part in the 13th Convocation of the JNTU. In his Convocation address Governor S. Abdul Nazeer observed that with more than 55,000 institutions, India's higher education system is one of the largest in the world. While addressing the students at the 13th convocation of the Jawaharlal Nehru Technological University Anantapur (JNTUA), here on Saturday, he highlighted the significance of "The National Education Policy (NEP) 2020". Mr. Nazeer said, "As you step into the professional arena, remember that success is not defined by the accolades you accumulate or the positions you hold. True success lies in the impact you create, the problems you solve, and the lives you touch," the Governor said addressing the students.

The Governor signed the convocation register approving the award of 86,142 degrees to the students pertaining to academic years 2021-22 & 2022-23. Doctorate degrees were awarded to 265 students. 69 medals were awarded to the top performers from various colleges, 17 gold medals were awarded to the University toppers of the B Tech & B Pharmacy courses. Governor also presented the *Honoris Causa* the honorary doctorate to Prof. K. Balaveera Reddy, Former Chairman, BOG, NITK Surathkal & Former Vice Chancellor, Visvesvaraya Technological University, Belagavi. Former Member of Telecom Regulatory Authority of India (TRAI) Prof. Vegesna Satyanarayana Raju delivered the keynote address. Hon'ble Vice-chancellor Prof. G. Ranga Janardhana briefed about the progress made by the university on diverse platforms during the academic years 2021-23. Rector Prof. M Vijaya Kumar, Registrar Prof. C. Sashidhar, members of the Executive Council, Principals of constituent colleges and Directors of the University were the members of the academic procession and shared the dais.

XIII CONVOCATION Degrees Awarded

S.No	Name of the Degree	No. of Students						Total	
		In Convocation		Post Convocation		Pre Convocation		M	F
		M	F	M	F	M	F		
1	Doctor of Philosophy	123	82	23	12	17	08	163	102
2	Doctor of Pharmacy(PB)	-	-	6	14	4	5	10	19
3	Master of Technology	91	65	1410	1199	290	189	1791	1453
4	Master of Pharmacy	20	31	327	542	80	91	427	664
5	Master of Business Administration	252	316	4023	3282	150	125	4425	3723
6	Master of Computer Applications	112	187	1601	1267	47	31	1760	1485
7	Master of Science (M.Sc)	3	12	28	31	1	2	32	45
8	Doctor of Pharmacy	16	33	142	374	185	330	343	737
9	Bachelor of Technology	4361	4126	27738	17995	5343	4255	37442	26376
10	Bachelor of Pharmacy	95	217	850	1408	1014	1561	1959	3186
		5073	5069	36148	26124	7131	6597	48352	37790
	Total	10142		62272		13728		86142	

XIII CONVOCATION

ADDRESS OF THE GRADUATES BY THE HON'BLE CHANCELLOR
SHRI JUSTICE S. ABDUL NAZEER



Shri Justice S. Abdul Nazeer
Hon'ble Governor of Andhra Pradesh
and Chancellor of JNTUA.

Today's Guest of Honour Sri Botcha Satyanarayana, Minister of Education, Chief Guest-cum-Orator Prof. Vegesna Satyanarayana Raju, Former Member, Telecom Regulatory Authority of India (TRAI), Former Chairman, Naval Research Board, DRDO & Former Director of Indian Institute of Technology, Delhi and Dr. K. Balaveera Reddy, Former Chairman, BOG, NIT-K Surathkal & Former Vice Chancellor of Visveswaraya Technological University, Belgaum, recipient of Degree of Honoris Causa in today's Convocation, Prof. G. Ranga Janardhana, Vice-Chancellor, Members of the Executive Council, Rector, Registrar, Directors, Principals of Constituent and Affiliated Colleges, Faculty and Staff, Donors of Endowment Gold Medals, Dear Students, recipients of Degrees and Gold Medals and their proud parents, Distinguished Guests, members of the media, Ladies and Gentlemen, my warm greetings to you all.

Today marks a momentous occasion in the journey of knowledge and innovation, as we gather here to celebrate the Convocation ceremony of the 2022 and 2023 graduating classes.

As the Chancellor of this esteemed Jawaharlal Nehru Technological University, Anantapur, it is both an honour and a privilege to stand before you and address this assembly of future engineers, inventors, and leaders.

This day is not merely a symbolic gesture; it is a testament to the countless hours of hard work, determination, and intellectual prowess that each of you has invested in your education. You have navigated through the complex realms of science and technology, solving problems, pushing boundaries, and embracing the challenges

that come with the pursuit of knowledge.

As we reflect on the significance of this moment, let us also acknowledge the unwavering support of your families, friends, and mentors. Their encouragement and guidance has been the pillar that supported you through the highs and lows of your academic journey.

Today, as you stand on the threshold of a new chapter, remember to express your gratitude to those who stood by you. You all know that JNT University Anantapur has carved a niche for itself as a premier Technological University imparting Engineering, Management and Pharmacy education in the State of Andhra Pradesh and its jurisdiction spreads over the districts of Anantapur, Sri Satya Sai, Chittoor, Tirupati, Kurnool, Nandyal, SPSR Nellore, YSR Kadapa and Annamayya, making the Higher education accessible to local youth. With a clear vision and mission aimed at imparting world class Technological Education to the aspiring youth, Jawaharlal Nehru Technological University Anantapur has embarked on its journey since 2008, and reaching many milestones on its way.

JNTU Anantapur is contributing to the State's development in the field of Technological Education in its own humble way. I am happy to learn that in accordance with the National Education Policy-2020 framed by the Ministry of Human Resource Development, Government of India, the University has successfully revised the curriculum of all its programs. Under the leadership of Andhra Pradesh State Council of Higher Education, many innovative components like Skill Development Courses, mandatory internships and Socially Relevant

Projects are included in the curriculum. These changes notably increase the employability levels of the students, but also prepare them to be aspiring entrepreneurs. Bringing in the much needed flexibility in the curriculum, Minor Degree Program, Honours Degree Program and Credit Transfer facility are introduced. Multiple exit option is provided to the students as per the National Education Policy 2020. The University is offering the courses in latest technologies such as “Cyber Security”, “Artificial Intelligence”, “Data Analytics”, “Drone Technologies” and “Chip Design”. I am happy to know that the Ministry of Road Transport and Highways (MoRTH) has sponsored a Post Graduate Program namely M.Tech. Structural Engineering (Bridges and Tunnels) in Jawaharlal Nehru Technological University Anantapur, one and only of its kind in the entire country. It is heartening to note that Jawaharlal Nehru Technological University Anantapur has been identified by the Andhra Pradesh Government for transformation into a Multidisciplinary Education and Research University.

As you all are well aware, with more than 55,000 higher education institutions, India's higher education system is one of the largest in the world. The National Education Policy- 2020 is set to further transform the higher education system in the country. The policy aims to boost the higher education sector's gross enrolment ratio to 50% by 2035, offer a variety of entry and exit points, and let students select the classes that best suit their interests and abilities. The policy calls for the establishment of a National Research Foundation, a National Forum on Educational Technology, Internationalisation, Holistic & Multidisciplinary Education, Autonomy and Accountability, Inclusivity and Equity, Research and Innovation, Curriculum Flexibility and Credit Transfer, Digitalization of Teaching-Learning Process, Encouragement to Use Indian Languages, Distance Learning/Open Learning, Imparting Professional Education etc.

The goal of NEP-2020 is to develop a comprehensive, adaptable education system that can meet the demands of the 21st century and emphasises on the role of higher education in leading the country towards a developed India i.e. Viksit Bharat@2047.

Now, let me address the graduating students – the architects of the future, the engineers of progress, and the trailblazers of innovation. Your education at Jawaharlal Nehru Technological University Anantapur has equipped you with the tools and knowledge needed to tackle the complex challenges of the 21st century. But education is not just about acquiring information; it is about cultivating a mind-set, fostering creativity, and instilling a sense of responsibility.

In a world that is rapidly evolving, where tech-

nology is reshaping the very fabric of our existence, the role of engineers has never been more critical. You are not just graduates; you are agents of change, catalysts for progress, and builders of the future. The skills you have acquired here – problem-solving, critical thinking, and adaptability – are the keys to unlocking the doors of innovation.

As our Prime Minister Sri Narendra Modi once said and I quote: *“Whatever education a university or institutes of higher education imparts, it must achieve the global level of benchmarking given the vastness and diversity of global village we live in today.”* Unquote.

As you step into the professional arena, remember that success is not defined by the accolades you accumulate or the positions you hold. True success lies in the impact you create, the problems you solve, and the lives you touch. Your education has given you the foundation, but it is your character, resilience, and determination that will define your journey. Embrace uncertainty with courage, for it is in the face of the unknown that true innovation thrives. The road ahead will undoubtedly present challenges, but it is through these challenges that you will discover your true potential. Do not fear failure, for it is a steppingstone to success. Learn from every setback, adapt to change, and let your setbacks be the fuel that propels you forward.

Here, let us remember the words of our former President of India Bharat Ratna Dr. A.P.J. Abdul Kalam who said and I quote: *“Success is a vehicle which moves on the wheel named hard work and fuel called self-confidence.”* Unquote.

In the pursuit of greatness, remember the importance of collaboration. The most significant achievements in history have been the result of collective effort, diverse perspectives, and the synergy of minds coming together. Be open to collaboration, seek out different viewpoints, and understand that the strength of a team often surpasses the capabilities of an individual.

In the ever-expanding landscape of technology, ethical considerations must be at the forefront of your endeavours. As engineers, you have the power to shape the future, but with that power comes responsibility. Consider the ethical implications of your creations, strive for inclusivity, and ensure that your innovations contribute positively to the society.

I congratulate all the students who are receiving their Graduate and Post-graduate

degrees and the research scholars receiving the Ph.D. degrees on this auspicious occasion. A special note of appreciation to the students, who are receiving gold medals today for their academic excellence.

In conclusion, let me quote the words of the renowned Indian scientist Vikram Sarabhai who said: *“He, who can listen to the music in the midst of noise can achieve great things.”* Unquote. Let your energies be focused towards this goal. Your journey will be filled with experiments, challenges, and moments of uncertainty. But remember, each obstacle is an opportunity to learn, and every set back is a steppingstone towards success.

As you enter into the world from the portals of this University, carry with you the spirit of innovation, the thirst for knowledge, and the courage to make a difference. The world eagerly waits the contributions that each of you will make, and I have no doubt that you will not

only meet but exceed those expectations.

Here, I would like to once again quote the wise words of our former President of India Bharat Ratna Dr. A.P.J. Abdul Kalam who said and I quote: *“Umbrella can't stop the rain but can make us stand in rain. Confidence may not bring success but gives us power to face any challenge in Life.”* Unquote.

I congratulate the graduates of 2022 and 2023. May your future be as bright and limitless as the possibilities you hold in your hands. Go forth, conquer the world, and may your journey be one of fulfilment, impact, and enduring success.

Once again, I wish you all the best and I earnestly hope that you will make your Alma Mater and the nation proud of your achievements.

Jai Hind.



XIII CONVOCATION

ADDRESS BY THE CHIEF GUEST AND ORATOR



Prof. Vegesna Satyanarayana Raju
 Former Member Telecom Regulatory Authority of
 India (TRAI),
 Former Chairman, Naval research Board, DRDO &
 Former Director, Indian Institute of Technology,
 Delhi.

The Honourable Chancellor, the honourable Minister for Education, the Vice-Chancellor, Other Dignitaries on the Dais and off the Dais, Graduating Students, teaching and non-teaching staff and press & media! A very good morning to all of you.

I am delighted to be part of the Convocation function, an important milestone in the lives of the Graduating students. With India aspiring to become a Developed Nation by 2047, every citizen, in particular, you the Graduating students, have a very crucial role to play.

Personally, for me, in the year 1956 i.e., at the time of starting my Engineering Studies, Engineering Colleges at Anantapur and Kakinada were dream Institutions. They were the only two Engineering Colleges in Andhra Pradesh, with the exception of the College of Engineering, Andhra University which was started in 1955. While I did qualify for the admission to the two Government Colleges on the basis of merit, because of the minimum age requirement at that time, I was asked to wait. That led me to join the Andhra University College of Engineering, where fortunately for me the age requirement was relaxed.

Our goal of becoming AatmaNirbhar Bharat, after nearly 1000 years of slavery, is only possible when every citizen of the Country becomes AatmaNirbhar meaning Self Confident, Self-Reliant. In this journey, each one of you has a critical role: Firstly, yourself become AatmaNirbhar, secondly, facilitate everyone around you to become AatmaNirbhar.

As Engineers, you have an extremely crucial role to play

in India's journey towards a Developed Country by 2047. Infrastructure such as Water, Power, Roads, Buildings, Railways, Ports, Communications, Manufacturing which includes Steel, Cement, Metals, Automobiles and so on, are the very basis for a developed country. Therefore, it is also very important to remember that "All Engineering Disciplines" are equally important. There is a misconception among most students and their parents that only Computer Science is the most preferred area. The developments in Computer Science have certainly led to enhance the power of other Engineering Disciplines and it will continue to do so. However, neglect of Core Engineering Disciplines such as Civil, Mechanical, Electrical, Electronics, Chemical, and Metallurgy will be a major setback to progress in Economic Development.

Whatever specialisation you have chosen, consider it as the right choice and excel in your area of specialisation. For that matter, all knowledge, scientific, social and spiritual are all equally important for progress. More importantly, treat everyone, irrespective of the type of the work they do and their official position, as equal. Swami Vivekananda, one of the greatest Spiritual and Philosophical leaders, exhorts to treat the King and the Commoner with equal respect". Each one needs to do his/her duty well.

Finally, for your personal and professional success, Positive Attitude, Focus, Ethics, National Outlook and Continuous Self Improvement are essential.

Positive Attitude includes the broader vision of common good, a spirit of service, human values, professional ethics, honesty and integrity. "Various studies have shown

that attitude contributes to 85% of success; domain knowledge to only 15%” as stated by - *Shiv Khera*

Students need to focus on what is being done at the moment. They have to take care of the present and future will take care of them.

In the Constitution of India, Article 51 A, Part IV A:- Fundamental Duties states to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavor and achievement. Those who strive for excellence would surely be loyal, thereby contributing to our national development.

PLEDGE at the time of graduation (Example: IIT Madras)

Shall in thought, word and deed ever endeavour to be scrupulously honest in the discharge of my duties. Shall uphold the dignity and integrity of my profession and the honour of Institute and the Nation. Shall devote all my energies to promote the unity and the secular ideal of our country and utilize my knowledge in the service of our Motherland and humanity.

There are many ways of achieving Continuous Self Improvement. Seven Habits of Highly Effective People by Stephen Covey provides a transformative guide for personal and professional success. The first habit Covey explains is, “Be Proactive”. That means one should take the responsibility for one’s own life and one’s own actions. The second habit is one should “Begin with the end in mind.” This means that one should look at life in its totality, this is one of the qualities of a Leader. The third habit he states is, “Put first things first”, that means we need

to prioritize the things in order to achieve productivity. The fourth habit is, “Think Win – Win”. The aim is none should lose and all should gain. Effective people strive for outcomes that benefit all parties involved in it. So, they should act as service center and not a power center. The fifth habit is, “Seek first to understand and then to be understood”. Covey emphasizes the importance of good communication and active listening skills to build trust and good relationship. The sixth habit Covey discusses is, “Synergize” (Whole is greater than the parts; $1 + 1 > 2$). He stresses the importance of open-mindedness, creativity and teamwork that are very much essential for achieving success.

The Seventh and last habit is “Sharpen the Saw”. Covey emphasizes the individuals to invest their time in personal care, continuous learning and overall well-being. For a balanced self-renewal, 4 Dimensions are required. They are: i) Physical: Exercise, Nutrition, Stress Management, ii) Mental: Reading, Visualizing, Planning, Writing. iii) Social: Service, Empathy, Synergy, Intrinsic Security and iv) Spiritual: Value Clarification & Commitment, Study & Meditation.

Finally, my hearty congratulations to all the Graduating Students and very best wishes for a bright future.

SARVE JANA SUKHI NO BHAVANTU

MAY ALL BEINGS BE WELL AND HAPPY

JAI HIND... JAI BHARAT

THANK YOU



XIII CONVOCATION

HIGHLIGHTS OF PROGRESS REPORT BY
THE HON'BLE VICE CHANCELLOR PROF. G. RANGA JANARDHANA



Prof. G. Ranga Janardhana
Vice-Chancellor,
JNTUA Anantapur.

Hon'ble Vice Chancellor Prof. G. Ranga Janardhana at the outset greeted all the dignitaries and members assembled in the NTR auditorium on the occasion of the thirteenth ceremonial convocation of Jawaharlal Nehru Technological University Anantapur. He extended a warm welcome to all the dignitaries, recipients of the gold medals, the graduating students, parents, family members and teachers. He also welcomed the alumni who he said have made outstanding contributions at both national and international levels and supported the alma mater. Speaking about the number of degrees being awarded he said "Of the 86,142 Degrees being given away in the ongoing Convocation, 68,963 are Under-Graduate, 15,805 are post-graduate, 1109 are Doctor of Pharmacy and 265 are Ph.D. He said that of the 71 gold medals announced, 43 are bagged by the women students representing the Nari Shakti of our University." He made a special mention of Kum. Dasari Shanthi, a Civil Engineering student of the College of Engineering Anantapur for clinching the lion's share of 8 gold medals. Speaking on the implementation of NEP 2020 policy in the university he said "Two major aspects of the NEP 2020 policy implemented by the university are flexible, broad-based curriculum comprising a core component and a multi-disciplinary component in every program and allowing multiple exits within a program, to make education more students centric and needs-specific." Speaking about the infrastructural development that has taken place in the University he said that varied projects worth Rs. 254.0 crores are at different stages of implementation. The University has completed construction of the Integrated Lecture Hall Complex for the College of Engineering Anantapur, University Administrative Block, Pharmacy Block at Anantapur, Gym Hall, Yoga, and Meditation Hall at Anantapur, Boy's Hostel at Pulivendula worth Rs. 98 Crores. Construction of shed for university examination branch, building for Skill Development Center

at College of Engineering Anantapur, construction of new hostel Hampi at College of Engineering Anantapur, Dhyan Chand Indoor Stadium at Anantapur, have been undertaken at the cost of Rs. 23.14 crores. He said university was giving at most priority for the welfare of the students. Towards achieving a green and sustainable campus, the University has taken several initiatives such as the installation of solar streetlights, Solar Power Generation, the use of steam cooking at hostels, the construction of rainwater harvesting pits at college hostels, the use of LED lamps in place of CF lamps, extensive plantation of trees at all campuses. He said that the University has floated a scheme for enhancing the research ecosystem and interest among young faculty members of the constituent colleges. To recognize the merit and hard work of its faculty working in the constituent and affiliated colleges the university instituted several awards. Before concluding the vice chancellor placed on record heartfelt gratitude to His Excellency Governor of Andhra Pradesh and Chancellor of University Anantapur, Shri Justice S. Abdul Nazeer Garu. He extended thanks to the Chief Guest Prof. Vegesna Satyanarayana Raju, former Director, Indian Institute of Technology, Delhi for accepting invitation to be the chief guest and delivering the convocation address. He sincerely thanked the recipient of Honoris Causa, Dr. K. Balaveera Reddy Garu, Former Vice-Chancellor, Visvesvaraya Technological University, and Belgaum as well as a distinguished alumnus of this institution for coming here in person in spite of his busy schedule and accepting the Honoris causa. He profusely thanked the members of the Executive Council, University Officials, Directors, Principals of constituent and affiliated colleges, teaching and non-teaching staff, students, print and electronic media, and the eminent assemblage in the auditorium for their majestic presence and for rendering their support in making this event happen on a grand magnitude.

XIII CONVOCATION

CITATION - RECIPIENT OF HONORIS CAUSA



Prof. K. BALAVEERA REDDY
Former Chairman, BOG, NITK Surathkal &
Former Vice Chancellor, Visvesvaraya
Technological
University, Belagavi.

In recognition of an outstanding career marked by unyielding commitment to the pursuit of knowledge, remarkable contributions to academia, and visionary leadership in education administration, the Jawaharlal Nehru Technological University Anantapur (JNTUA) proudly bestows the honorary degree of Doctor of Science, honoris causa upon Professor K. Balaveera Reddy.

Professor K. Balaveera Reddy stands as an eminent figure in the realm of education, embodying the ideals of scholarship, leadership, and service. Born on 1st July, 1941, he embarked on a journey that would redefine the landscape of Technical Education in Karnataka. Hailing from a remote village Chintakunta in the present YSR Kadapa district Professor K. Balaveera Reddy had his primary and secondary education in Proddatur at YSR Kadapa district. It is heartening and proud to note that Professor K. Balaveera Reddy holds his academic roots in this very campus, as he happens to be an alumnus of this glorious Institution, who completed his B.E. Mechanical Engineering in the year 1963 and has since cultivated an illustrious career in academics characterized by unwavering dedication. He obtained his Master's Degree in Mechanical Engineering from IIT, Kharagpur in 1968 and his Doctoral Degree from IIT, Madras in 1979.

Professor K. Balaveera Reddy's academic journey has been nothing short of extraordinary. Joining as Assistant Lecturer in the Department of Mechanical Engineering of the then Karnataka Regional Engineering College, Surathkal, he rose to the position of Professor and Head of the Department in 1995. He worked as Director of Technical Education, Bangalore, Karnataka from 23.05.1996

to 31.03.2001. That was the Golden era in the history of Technical Education in Karnataka under his leadership and in recognition of his exemplary services he was awarded Sir M Visvesvaraya Technical award in 1997 and Indira Gandhi Priyadarshini award in 1999. His exceptional skills of academic administration made the Government of Karnataka to appoint him as the Vice Chancellor of Visvesvaraya Technological University, Belgaum (Presently Belagavi) from 01.04.2021 to 02.07.2007.

Under his able guidance and leadership, VTU has undergone a total transformation and with his sweeping reforms aimed at ensuring Excellence, Innovations and Quality, he made Visvesvaraya Technological University to stand aloft on a glorious footing. His foresight is reflected by the exhaustive document he prepared for VTU, namely 'Vision VTU-2020', providing the right direction to VTU to become an outstanding University by 2020. The state-of-the-art infrastructure was developed at VTU under his leadership. He totally revamped the examination system with innovative reforms. He introduced the Online Examination for PG students under VTU spread all over Karnataka, eliminating manual entry of marks thereby bringing accuracy, transparency and no scope for fraudulent practices in examination system. He established excellent Industry-Institute Interaction, and he was instrumental in signing many MoUs between VTU and various Industries.

He has earned widespread acclaim for his prowess in Technical Education administration and subsequently Ministry of Human Resources Development (MHRD) of Government of India, appointed him as Chairperson,

BOG, NITK, Surathkal and he served in this capacity from 29.06.2018 to 28.06.2021. His strategic vision transformed the institution into hub of academic excellence. He inspired and motivated the Faculty, Non-Teaching Staff, Alumni and the students in bringing the NITK, Surathkal to 10th Rank in National Institute Ranking Framework (NIRF) 2021 in Engineering Category Ranking which was at 21st Rank in 2019. NITK, Surathkal also secured 32nd Rank in NIRF- 2021, in the overall category Rankings, improving significantly from 53rd Rank of the year 2019. Prof. Balaveera Reddy played a pivotal role in this unbelievable transformation. He initiated various steps with a vision of transforming NITK into Multi-Disciplinary Education and Research University (MERU). He is an authority on National Education Policy, 2020 and gave a number of lectures to the faculty of various Institutions, spreading the awareness about the goals envisaged in NEP 2020.

Prof. K. Balaveera Reddy worked as a Member of Board of Governors of various prestigious institutions like IIT, Mumbai; IIT, Chennai; and Karnataka Regional Engineering College, Surathkal. He was also a Syndicate Member of Bangalore University, Mysore University, Karnataka University, Mangalore University, Gulbarga

University, and Kuvempu University. He was a Member, Staff Selection Committee, UPSC, New Delhi. He was a member of various high-level committees constituted by AICTE and MHRD, which were pivotal in framing policies related to Higher Education and particularly Technical education in the country. To cite a few committees in which he contributed valuable insights as a member, All India Board of Technician Education, AICTE, National Board of Accreditation, AICTE, All India Board of Technician Education, AICTE, State Implementation Committee of CIICP constituted by MHRD, High Power Committee, constituted by MHRD, New Delhi, to review Regional Engineering Colleges of India and the list goes on.

In recognition of his exceptional contributions to academia and education administration, he received many accolades and awards. Some of them are Aryabhata award, 2002, Fellow of World Academy of Productivity Science (Canada), 2006 and Karnataka Rajyotsava award, 2008.

“Leadership is the capacity to translate vision into reality”, said Warren G. Bennis. Prof. K. Balaveera Reddy is an epitome of this saying. Today, JNTUA feels privileged and honoured to confer the Honoris Causa, on its illustrious alumnus, Prof. K. Balaveera Reddy.



XIII Convocation Minute to Minute Programme in Pictures



XIII Convocation Group Photograph taken 06-01-2024 @ 10:50 AM



Hon'ble Governor along with academic procession conducted to the dais @ 10:55 AM



All dignitaries and attendees stand for National Anthem @ 10:57 A.M.



Vice-Chancellor seeks the permission of the Hon'ble Chancellor for commencement of convocation @ 10.59 A.M.



Welcome address & Presentation of the University report by Prof. G. Ranga Janadhana, Vice-Chancellor of the University. @ 11.00 A.M.



Reading of the Citation by Prof. V. Sumalatha Director A&P followed by the presentation of Honoris Causa to Dr. K. Balaveera Reddy, Former Chairman, BOG, NITK Surathkal & Former Vice Chancellor, Visvesvaraya Technological University, Belagavi @ 11.10 A.M.



Award of Degrees & Gold Medals by Hon'ble Governor of Andhra Pradesh. Ms. Mayana Shahistha Khanum of Aditya College Of Engineering, Madanapalle of Civil Engineering receiving the first Gold Medal of the Convocation @ 11.15 A.M.



Address by the Chief Guest-cum-Orator, Prof. Vegesna Satyanarayana Raju, Former Member Telecom Regulatory Authority of India (TRAI) @ 11.35 A.M.



Convocation address by the Hon'ble Chancellor Shri S. Abdul Nazeer @ 11.45 A.M.



Virtual Inauguration of New Administrative Building of JNT University Anantapur by the Hon'ble Chancellor of the University Shri. Justice. S. Abdul Nazeer. @ 11.55 A.M.



Presentation of Memento & felicitation of the Hon'ble Chancellor @ 12.00 P.M.



Vote of Thanks by Prof. C. Sashidhar, Registrar, JNTUA @ 12.04 P.M.



Vice Chancellor seeks the permission of the Hon'ble Chancellor to dissolve XIII Convocation @ 12.07 P.M.



Emcee announce for all present to stand for National Anthem.@ 12.08 P.M.



All present stand for National Anthem @ 12.08 P.M



Departure of the Hon'ble Chancellor @ 12.10 P.M.

GOLDEN MOMENTS OF XIII CONVOCATION



Award of Gold Medals XIII CONVOCATION



Prof E.Keshava Reddy, Director of Evaluation announcing the University Gold Medals

JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTHAPURAMU UNIVERSITY GOLD MEDALLISTS



JNTUA ADMINISTRATIVE BUILDING

Academic Year 2021-22

University Goldmedalists for B.Tech. Toppers of Affiliated colleges

S.No	H.T.No	Name of the Student	College Name	Branch	Percentage
1	188P1A0118	Mayana Shahistha Khanum	Aditya College Of Engineering, Madanapalle.	CE	91.94
2	18F21A0223	Valmiki Laxmi Sai Aparna	Gates Institute Of Technology, Gooty.	EEE	93.46
3	18JN1A0344	Shaik Abdul Azeez	Sree Venkateswara College Of Engineering, Kodavalur, Nellore District.	ME	86.33
4	18BF1A0485	K Ramya Sree	Sri Venkateswara College Of Engineering, Tirupati.	ECE	90.71
5	184M1A0515	Devarala Kavya	Vemu Institute Of Technology, P.Kothakota, Chittoor District.	CSE	86.70
6	18711A1014	Koneti Sirisha	Narayana Engineering College, Nellore.	EIE	84.90
7	18BF1A1201	A S Haritha	S.V. College Of Engineering, Tirupati.	IT	87.27
8	18KA1A2714	Bellamkonda Ambica Kiranmayee	JNTUA College Of Engineering, Kalikiri.	FT	82.65

University Gold Medal for B.PHARMACY Topper of Affiliated colleges

S.No	H.T.No	Name of the Student	College Name	Percentage
1	184Q1R0021	Gopireddy Mahitha	Narayana Pharmacy College, Nellore	88.16



Ms. Mayana Shahistha Khanum,
H.T. No. 188P1A0118,
Aditya College of Engineering,
Madanapalle. Civil Engineering,
with 91.94 %.

Ms. Valmiki Laxmi Sai Aparna,
H.T. No. 18F21A0223,
Gates Institute of Technology, Gooty.
Electrical Electronics and
Engineering with 93.46 %.



Mr. Shaik Abdul Azeez,
H.No. 18JN1A0344,
Sree Venkateswara College of
Engineering, Kodavulur, Nellore
District, Mechanical Engineering
with 86.33 %.



Ms. K. Ramya Sree,
H.T.No. 18BF1A0485,
Sri Venkateswara College of
Engineering, Tirupati.
Electronics and Communication
Engineering with 90.71 %.





Ms. Devarala Kavya, H.T.No. 184M1A0515, Vemu Institute Of Technology, P.Kothakota, Chittoor District, Computer Science and Engineering with 86.70 %.

Ms. Koneti Sirisha, H.T.No. 18711A1014, Narayana Engineering College, Nellore, Electronics and Instrumentation Engineering with 84.90 %.

Ms. A S Haritha,
H.T. No. 18BF1A1201,
S.V. College Of Engineering,
Tirupati, Information Technology
with 87.27 %.



Ms. Bellamkonda Ambica Kiranmayee, H.T. No. 18KA1A2714, JNTUA College of Engineering, Kalikiri, Food Technology with 82.65 %.

Ms. Gopireddy Mahitha,
H.T. No. 184Q1R0021,
Narayana Pharmacy College, Nellore,
with 88.16 %.



Academic Year 2022-23

University Goldmedalists for B. Tech. Toppers of Affiliated colleges

S.No	H.T.No	Name of the Student	College Name	Branch	Percentage
1	194N1A0101	Adapala Venkatasaisruthi	Visvodaya Engineering College, Kavali	CE	88.78
2	192U1A0206	Chitluri Leela Deepak	Geethanjali Institute of Science & Technology Gangavaram, Nellore	EEE	87.63
3	20BF5A0324	S Sudheer Kumar	Sri Venkateswara College of Engineering, Tirupati	ME	86.21
4	19711A0439	Jaladanki Jahnavi	Narayana Engineering College, Nellore	ECE	89.05
5	192U1A0517	Bommana Sandhya	Geethanjali Institute of Science & Technology Gangavaram, Nellore	CSE	90.60
6	19BF1A1263	Yarra Mrudula	Sri Venkateswara College of Engineering, Tirupati	IT	86.49
7	19KA1A2729	Bandaru Jayaprakash	JNTUA College of Engineering, Kalikiri	FT	76.12

B.PHARMACY

S.No	H.T.No	Name of the Student	College Name	Percentage
1	19M71R00A2	Vadde Vishalakshi	Annamacharya College of Pharmacy, Rajampet	86.42



Ms. Adapala Venkatasaisruthi,
H.T.No. 194N1A0101,
Visvodaya Engineering College,
Kavali, Civil Engineering
with 88.78 %.



Mr. S Sudheer Kumar, H.No. 20BF5A0324,
Sri Venkateswara College Of Engineering, Tirupati,
Mechanical Engineering with 86.21 %.



Ms. Jaladanki Jahnavi, H.No. 19711A0439,
Narayana Engineering College, Nellore, Electronics
Communications and Engineering with 89.05 %.



Ms. Bommana Sandhya,
H.T.No. 192U1A0517, Geethanjali
Institute of Science & Technology
Gangavaram, Nellore, Computer Sci-
ence and Engineering with 90.60 %.

Ms. Yarra Mrudula,
H.T.No. 19BF1A1263,
Sri Venkateswara College of
Engineering, Tirupati, Information
Technology with 86.49 %.



Mr. Bandaru Jayaprakash,
H.T.No. 19KA1A2729,
JNTUA College of Engineering,
Kalikiri, Food Technology
with 76.12 %.

Ms. Vadde Vishalakshi,
H.T.No. 19M71R00A2,
Annamacharya College of Pharmacy,
Rajampet, with 86.42 %.



JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTHAPURAMU TOPPERS & ENDOWMENT GOLD MEDALLISTS



Academic Year 2021-22

University Gold Medals for B.Tech Toppers of JNTUACE (Autonomous), Ananthapuramu

S.No	H.T.No	Name of the Student	Branch	Percentage
1	18001A0137	Bogineni Meghana	Civil Engineering	86.51
2	18001A0211	Velpula Chaithanya	Electrical and Electronics Engineering	84.72
3	19005A0303	C B Sai Kumar	Mechanical Engineering	88.95
4	18001A0444	Konda Sai Thanuja	Electronics and Communication Engineering	82.86
5	18001A0545	Meda Guru Santhosh Kumar	Computer Science and Engineering	84.29
6	18001A0825	M Sai Upendra Reddy	Chemical Engineering	83.05

ANECAA 1982 Endowment Gold medalists for Best Academic Performers for 2021-22

S.No	H.T.No	Name of the Student	Gold Medal Category	Percentage
1	18001A0315	Dasari Nirnitha	Best academic performer among girls.	88.83
2	19005A0303	C B Sai Kumar	Best academic performer among boys.	88.95

Endowment Gold Medalists (B.Tech) for 2021-22

S.No	Gold Medal Category	Admission Number	Name of the Student	Percentage
1	Prof. S.Tiruvengalam Gold Medal to the topper of B.Tech (E.E.E).	18001A0211	Velpula Chaithanya	84.72
2	(Late) ChallaSubbarayudu Endowment Gold Medal to be awarded for best out going Civil student.	18001A0137	Bogineni Meghana	86.51
3	(Late) ChallaSubbarayudu Endowment Gold Medal to be awarded for best out going student in all branches.	19005A0303	C B Sai Kumar	88.95
4	(Late) Sri K.Venkateswara Rao Gold Medal to be awarded for best out going Civil student.	18001A0137	Bogineni Meghana	86.51
5	(Late) Prof.T.S.Raghavan Endowment Gold Medal to be awarded for best out going girl student in all branches.	18001A0315	Dasari Nirnitha	88.83
6	Prof. T.V.Lakshmana Rao Endowment Gold Medal best out going student of B.Tech (Mechanical).	19005A0303	C B Sai Kumar	88.95
7	Prof. V Pandu Rangadu's Endowment Gold Medal for B.Tech (M.E) topper of the subject Thermodynamics.	18001A0315	Dasari Nirnitha	95%
8	Dr. J Krishnamacharyulu Endowment Gold Medal to be awarded for best out going Chemical student.	18001A0825	M Sai Upendra Reddy	83.05
9	Prof. Madaka. Subbarayudu Endowment Gold Medal to be awarded for best out going girl ECE student.	18001A0444	Konda Sai Thanuja	82.86
10	ChundupalleVenkatrayalu and Sarojamma Endowment Gold Medal to be awarded for best out going student in all branches	19005A0303	C B Sai Kumar	88.95
11	Srimathi and Prof.Vijaya Bhaskar Desai Endowment Gold Medal to the toppers of CE & CSE branches combinedly.	18001A0137	Bogineni Meghana	86.51

Endowment Gold Medalists (M.Tech) for 2021-22

S.No	Gold Medal Category	Admission Number	Name of the Student	Percentage
1	Prof. M. S. Naidu memorial Gold Medal to the best out going student of M.Tech. (Electrical Power Systems).	20001D2104	Tarugu Chandana	90.06%
2	Prof. P.N. Damodaram memorial Endowment Gold Medal to the topper of M.Tech. (Structural Engineering).	20001D1119	Bille Pradeep Kumar	84.44%
3	Prof. S.Tiruvengalam Endowment Gold Medal to the best out going student of M.Tech. (Reliability Engineering).	20001D9104	Saraswathula Gayathri	81.5%



Ms. Bogineni Meghana, H.T.No. 18001A0137,
Civil Engineering with 86.51 %.



Mr. Velpula Chaithanya, H.T.No. 18001A0211,
Electrical and Electronics Engineering with 84.72 %.



Mr. C B Sai Kumar, H.T.No. 18001A0211,
Mechanical Engineering with 88.95 %.



Ms. Konda Sai Thanuja, H.T.No. 18001A0444,
Electronics and Communication Engineering
with 82.86 %.



Mr. Meda Guru Santhosh Kumar, H.T.No. 18001A0545,
Computer Science and Engineering with 84.29 %.



Mr. M Sai Upendra Reddy, H.T.No. 18001A0825,
Chemical Engineering with 83.05 %.



Ms. Dasari Nirnitha,
H.T.No. 18001A0315,
Best academic performer among girls
with 88.83 %.

Academic Year 2022-23

University Gold Medals for B.Tech Toppers of JNTUACE (Autonomous), Ananthapuramu

S.No	H.T.No	Name of the Student	Branch	Percentage
1	19001A0109	Dasari Shanthi	Civil Engineering	90.14
2	19001A0237	Madinepalli Nithya Sree	Electrical and Electronics Engineering	87.6
3	20005A0303	Kakku Vamshi	Mechanical Engineering	88.71
4	19001A0444	Mopuri Chinna Yella Reddy	Electronics and Communication Engineering	82.04
5	19001A0509	Tholleti Siva Priya	Computer Science and Engineering	85.01
6	19001A0861	Sunkara Sumanth	Chemical Engineering	84.98

ANECOA 1982 Endowment Gold medalists for Best Academic Performers for 2022-23

S.No	H.T.No	Branch	Name of the Student	Gold Medal Category	Percentage
1	19001A0109	Best academic performer among girls	Dasari Shanthi	Best academic performer among girls.	90.14
2	20005A0303	Best academic performer among boys.	Kakku Vamshi	Best academic performer among boys.	88.71

Endowment Gold Medalists (B.Tech) for 2022-23

S.No	Gold Medal Category	Admission Number	Name of the Student	Percentage
1	Prof. S.Tiruvengalam Gold Medal to the topper of B.Tech (E.E.E).	19001A0237	Madinepalli Nithya Sree	87.6
2	(Late) ChallaSubbarayudu Endowment Gold Medal to be awarded for best out going Civil student.	19001A0109	Dasari Shanthi	90.14
3	(Late) ChallaSubbarayudu Endowment Gold Medal to be awarded for best out going student in all branches.	19001A0109	Dasari Shanthi	90.14
4	(Late) Sri K.Venkateswara Rao Gold Medal to be awarded for best out going Civil student.	19001A0109	Dasari Shanthi	90.14
5	(Late) Prof.T.S.Raghavan Endowment Gold Medal to be awarded for best out going girl student in all branches.	19001A0109	Dasari Shanthi	90.14
6	Prof. T.V.Lakshmana Rao Endowment Gold Medal best out going student of B.Tech (Mechanical).	20005A0303	Kakku Vamshi	88.71
7	Prof. V Pandu Rangadu's Endowment Gold Medal for B.Tech (M.E) topper of the subject Thermodynamics.	19001A0335	Sirigiri Navaneswara Reddy	86%
8	Dr. J Krishnamacharyulu Endowment Gold Medal to be awarded for best out going Chemical student.	19001A0861	Sunkara Sumanth	84.98
9	Prof. Madaka. Subbarayudu Endowment Gold Medal to be awarded for best out going girl ECE student.	19001A0434	T M Rupa	81.93
10	ChundupalleVenkatrayalu and Sarojamma Endowment Gold Medal to be awarded for best out going student in all branches	19001A0109	Dasari Shanthi	90.14
11	Srimathi and Prof.Vijaya Bhaskar Desai Endowment Gold Medal to the toppers of CE & CSE branches combinedly.	19001A0109	Dasari Shanthi	90.14

Endowment Gold Medalists(M.Tech) for 2022-23

S.No	Gold Medal Category	Admission Number	Name of the Student	Percentage
1	Prof. P.NDamodaram memorial Endowment Gold Medal to the topper of M.Tech (Structural Engineering).	21001D1122	Chedupatti Pushpalatha	85.17%



Ms. Dasari Shanthi, H.T.No. 19001A0109,
Civil Engineering with 90.14 %.



Ms. Madinepalli Nithya Sree, H.T.No. 19001A0237,
Electrical and Electronics Engineering with 87.6 %.



Mr. Kakku Vamshi, H.T.No. 20005A0303,
Mechanical Engineering with 88.71 %.



Ms. Tholleti Siva Priya, H.T.No. 19001A0509,
Computer Science and Engineering with 85.01 %.



Mr. Sunkara Sumanth, H.T.No. 19001A0861,
Chemical Engineering with 84.98 %.



Mr. Sirigiri Navaneswara Reddy, H.T.No. 19001A0335,
Prof. V Pandu Ranganadu's Endowment Gold Medal for B.Tech
(M.E) topper of the subject Thermodynamics with 86 %.



Ms. T. M. Rupa, H.T.No. 19001A0434,
Prof. Madaka Subbarayudu
Endowment Gold Medal to be awarded for best out
going girl ECE student
with 81.93 %.

JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) PULIVENDULA, YSR KADAPA TOPPERS & ENDOWMENT GOLD MEDALLISTS



Academic Year 2021-22

University Gold Medals for B.Tech Toppers of JNTUACE (Autonomous), Pulivendula

S.No	H.T.No	Name of the Student	Branch	Percentage
1	18191A0132	Bijivemula Chandra Prakash Reddy	Civil Engineering	82.7
2	19195A0210	Somala Jagadeeswar Reddy	Electrical and Electronics Engineering	84.0
3	19195A0302	Shaik Nannemiah Anees	Mechanical Engineering	85.5
4	18191A0406	Banda Naveen	Electronics and Communication Engineering	88.4
5	18191A0512	Chappidi Penchala Lakshmi Sushma	Computer Science and Engineering	84.8

SBH Gold medalist for Best Academic Performer of JNTUACE, Pulivendula

S.No	H.T.No	Name of the Student	Branch	Percentage
1	18191A0406	Banda Naveen	Electronics and Communication Engineering	88.4



Mr. Bijivemula Chandra Prakash Reddy,
H.T.No. 18191A0132,
Civil Engineering
with 82.7 %.

Mr. Somala Jagadeeswar Reddy,
H.T.No. 19195A0210,
Electrical and Electronics Engineering
with 84.0 %.



Ms. Chappidi Penchala Lakshmi Sushma,
H.T.No. 18191A0512,
Computer Science and Engineering
with 84.8 %.

Academic Year 2022-23

B.Tech Toppers of JNTUACE (Autonomous), Pulivendula

S.No	H.T.No	Name of the Student	Branch	Percentage
1	20195A0108	PalagatiRajamohanReddy	Civil Engineering	84.3
2	20195A0201	ChinthaGovardhan	Electrical and Electronics Engineering	82.8
3	19191A0304	PothireddyVishnupriya	Mechanical Engineering	81.3
4	19191A0404	PeddanarappagariSangeetha	Electronics and Communication Engineering	88.6
5	19191A0541	RayalamJayasree	Computer Science and Engineering	88.4

SBH Gold medalist for Best Academic Performer of JNTUACE, Pulivendula

S.No	H.T.No	Name of the Student	Branch	Percentage
1	19191A0404	PeddanarappagariSangeetha	Electronics and Communication Engineering	88.6



Mr. Palagati Rajamohan Reddy,
H.T.No. 20195A0108,
Civil Engineering
with 84.3 %.



Mr. Chintha Govardhan, H.T.No. 20195A0201,
Electrical and Electronics Engineering with 82.8 %.



Ms. Pothireddy Vishnupriya, H.T.No. 19191A0304,
Mechanical Engineering with 81.3 %.



Ms. Peddanarappagari Sangeetha, H.T.No. 19191A0404,
Electronics and Communication Engineering with 88.6 %.



Ms. Rayalam Jayasree, H.T.No. 19191A0541,
Computer Science and Engineering with 88.4 %.

Glimpses of the Audience @ XIII Convocation



XIII Convocation Lunch



Unveiling the Magic: The Art and Science of Green Screen Technology

From Chroma Key to Cinematic Wonder: Transforming Realities with Green Screen Concepts!

- Dr E Keshava Reddy

In the dynamic realm of film and video production, the green screen concept stands as a transformative magic, weaving the mundane into the extraordinary. Often referred to as chroma keying, this ingenious technique allows creators to transport subjects to fantastical realms, alter backgrounds seamlessly, and craft visual spectacles that defy the boundaries of reality. As we delve into the captivating world of green screen technology, we uncover the art and science behind this cinematic sorcery. We explore how a simple monochromatic backdrop can serve as the portal to infinite creative possibilities.



Let us see how this technique works with detailed steps

Backdrop Selection A solid-coloured backdrop, typically green or blue, is chosen. Green is often preferred because it is less likely to conflict with skin tones and clothing. The key is to select a colour that is not present in the subjects or objects in the foreground.

Filming the Subject Actors or objects are filmed before the green screen. Ensuring proper lighting to create an even and consistent colour across the backdrop is crucial. Shadows, wrinkles, or uneven lighting can complicate the post-production process.

Chroma Keying In post-production, video editing software utilises the chroma keying technique to identify and remove the selected colour (e.g., green) from the footage. This creates transparency in the areas where the green screen was originally.

Foreground and Background Separation

With the selected colour removed, the subjects or objects in the foreground are isolated from the background. The edited footage now contains only the actors or objects against a transparent background.

Overlaying a New Background A new background or scene is inserted behind the transparent foreground. This can be a still image, a pre-recorded video, or even a computer-generated environment.

Fine-Tuning and Refinement Video editors adjust settings such as colour spill, edge blending, and transparency to integrate the foreground with the new background seamlessly. This step requires precision to make the composited image appear natural and convincing.

Final Composition The edited footage with the replaced background is rendered into the final video, creating a cohesive and visually stunning scene.

This is a simple technique yet a very effective process used for various applications, a few of them being:

Film and Television Production Green screen technology is a film and television industry staple. It allows filmmakers to create realistic and fantastical environments without the need for extensive physical sets. Scenes set in outer space, historical periods, or imaginary worlds can be convincingly brought to life.



News Broadcasting Weather forecasters often use green screens to present weather maps and graphics. The meteorologist stands before a green screen, and the computer overlays maps and animations, creating a seamless presentation.



Video Games and Virtual Production In the gaming industry, green screens are utilized for motion capture and live streaming. Game developers use green screen technology to capture the movements of actors or players and integrate them into virtual environments.

Educational Videos and eLearning Green screen effects are employed in educational videos to transport students to historical locations, demonstrate scientific concepts in immersive settings or create engaging virtual field trips.

Virtual Events and Conferences With the rise of virtual events and conferences, green screens enable presenters to appear in professional settings or custom-branded environments, enhancing the overall production quality.

Advertising and Commercials Advertisers use green screens to place products or actors in visually compelling contexts. This technique allows for creative and eye-catching commercials by seamlessly blending live-action footage with digital backgrounds.

Special Effects in Movies Beyond simple background replacement, green screens are essential for creating a wide range of special effects. This includes scenes involving characters with superpowers, transformations, or complex interactions with digital elements.



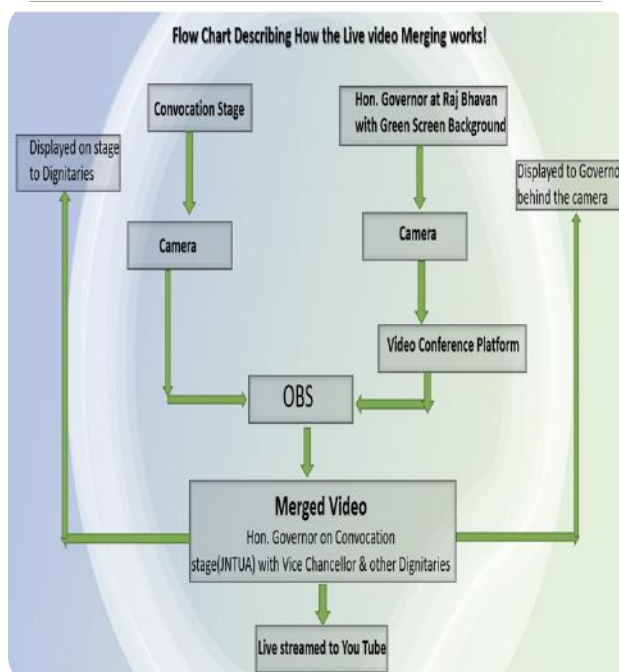
YouTube and Online Content Creation Content creators on platforms like YouTube leverage green screens to add visual interest to their videos. This includes creating custom backgrounds, adding special effects, or transporting themselves to fictional locations.

Photography and Portraits Green screen technology is used in photography studios to create customised backgrounds for portraits. This allows photographers to offer clients a variety of settings without changing physical backdrops.

Let us now have a look at the advantages and disadvantages of a green screen. The benefits of using a green screen are endless. Filmmakers can accomplish about anything with green screen technology, as long as they put in the effort to make sure they do it correctly. The main benefits of using a green screen are as follows: It can protect actors by keeping them in the studio and away from the dangerous environments depicted using

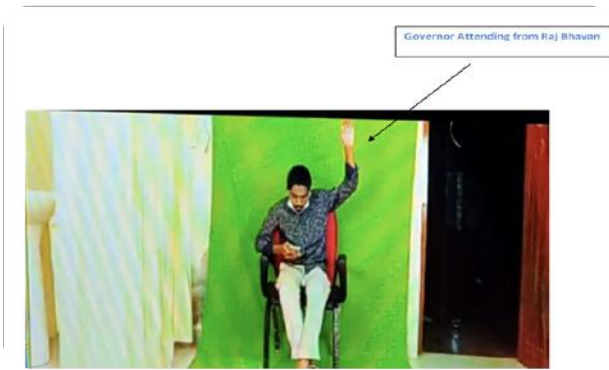
green screen technology; It can allow actors to appear on screen together even if they film the scene separately; It can expand filmmaking possibilities and language. When scheduling is an issue, this is helpful. On the other hand, Using a green screen has several significant drawbacks in addition to being challenging. These consist of If the lighting is not precisely calibrated, viewers will see the technique as fake and unsettling. Despite being cheaper than the real-world alternatives, the technique is nonetheless expensive, time-consuming, and complicated and thus not ideally suited for a low-budget or indie film. During the keying process, any background colour that is present in the foreground film will be replaced.

JNTU Anantapur has experimented with the application of green screen technology to facilitate the remote participation of the Governor in convocation ceremonies. This was done for the 12th Convocation in 2022, when Governor office was in dilemma whether Governor will attend the Convocation physically or Virtually, finally Governor attended the convocation physically, the documentation was also sent to the Governor's office. Below is a glimpse of how this is done:



This video demonstrates what the audience can see: <https://drive.google.com/file/d/1g7BRCeGjb5RKyP-T1o9wz9l1Ck0A31n19/view?usp=sharing>

-> The Honorable Governor will attend the convocation from the Raj Bhavan, in a room which is set up with a green screen in the background.



Vice-chancellor and other Dignitaries present on stage

The Vice-Chancellor and other Dignitaries present on stage at JNTUA Anantapur.

Finally, using OBS and Zoom integration we can deliver a Live Stream to YouTube or G-meet, in which the Governor seems to be on stage along with the Vice-Chancellor and other dignitaries.



Resources at the Raj Bhavan

- > A well-lit Room with availability to tie up the Green Screen (Green cloth) in the background.
- > Access to high-speed Internet, uninterrupted Power supply and Internet.
- > Fully Functional Audio System, the output coming from the JNTUA stage will be out from speakers and the input audio when the Governor speaks should be processed from a MIC (Ex: Wireless or Collar Mic).

Restrictions

As soon as the Meeting Starts no one should cross the Green screen Area in which the Governor attends the meeting

Conclusion

In essence, the green screen concept is more than a filmmaking technique; it is a gateway to boundless imagination, where reality and fantasy seamlessly coexist. As we look to the future of storytelling and content creation, the green screen remains a vibrant canvas upon which the vivid tapestry of our collective creativity continues to unfold.

About the Author



Prof. E. Keshava Reddy is a Professor of Mathematics at JNTUA College of Engineering Anantapur and presently serving as the Director of Evaluation at JNT University Anantapur. He has written books on Mathematics which will not only improve the knowledge of engineering students and help students to improve their research capabilities in Mathematics. His Modular Object-Oriented Dynamic learning Environment (Moodle) site is <http://keshava.moodlecloud.com> or <https://keshava.moodle.school>, through which he teaches Mathematics to B.Tech. and M.Tech. students online. He is guiding young minds to achieve their research goals in the field of Mathematics.

Life Through the Eyes of a Mathematician

Prof. K. Jayalakshmi

Mathematics is in every aspect of our lives; from a mother-child relationship to a person's every needs. The emotional distance between a mother-child can be minimised, i.e. there exists a $\delta > 0$ for which we have $\varepsilon > 0$. A mother always tends to a child, who is a limit to her.



Every person has ∞ desires to fulfil despite knowing the fact that ∞ is not a real number. Human beings generally behave like a modulus function as they react positively or negatively according to the circumstances or people around them; whenever a person is looking forward to a positive outcome from a situation, he takes the positive values otherwise he chooses to remain indifferent by taking the negative values.



Friends are like limitless functions separately but together they become a constant function. College students resemble 'unlike terms' of algebra, that is, until the lunch break. The cafeteria then becomes their limit point of enjoyment as there exists a lot of points in that interval of time. A group of friends is like an integral domain because of the absence of zero divisors which implies there exists two friends such that $(1^{\text{st}} \text{ friend} \times 2^{\text{nd}} \text{ friend}) = 0$ as their love for each other makes them an identity together.



Teachers are synonymous with integration as they increase the capabilities of a constant student with their knowledge and magnify a student's capabilities. The most important lesson Mathematics teaches us is the will to never give up as every problem has a solution.



Few Mathematical definitions of LIFE that we all know:

$$1 \quad Life = \int_{time}^{death} \frac{happiness}{time} \Delta time$$

$$2 \quad Life = \int_{time}^{death} \frac{(experience) \Delta time}{time}$$

$$3 \quad Life = \frac{Happy + Sad}{2}$$

Mathematics of Life
 Life = Love + Happy
 Life = Love + Sad
 Life = Happy + Sad
 Life = 1/2 (Happy + Sad)
 That's Real Life. Enjoy It.

Marvels
Artistic
Tantalizing
Historical
Elegant
Mysterious
Appplied
Traditional
Informal
Creative
Sublime

About the Author



Dr. K. Jayalakshmi is a Professor of Mathematics at JNTUA College of Engineering Anantapur. She has written books on

Derivations in Ring Theory which is very useful for the research scholars working in the field of Ring Theory. She has delivered more than 10-Invited talks in National and International Conferences in India and abroad. She has published more than 70 Research papers in SCI and ESCI journals.





Inauguration of Wall and Desktop Calendars marks the New Year Celebrations at JNTUA.

Date: 01-01-2024

The University wall and desktop calendars for 2024 were inaugurated by the Hon'ble Vice Chancellor Prof. G. Ranga Janardhana on **01.01.2024** (Monday). On this occasion, the Vice-Chancellor first wished everyone present. He hoped that University will develop further in this **New Year 2024**. He said that every employee should support for the development of the university. He said that everyone should strive hard for getting a better ranking in NIRE. He added that each faculty member should work for getting funding for research projects for the university. The non-teaching and outsourcing

staff should support for the development. A cake was cut marking the New Year celebrations. Rector Prof. M. Vijaya Kumar and Prof. C. Sashidhar greeted the employees and their family members on the occasion and urged everyone to work for the advancement of the University. Registrar Prof. C. Sashidhar presided over the function. I/c Director of A&P & Principal JNTUA CEA Prof. S.V. Satyanarayana, University Directors, OTPRI Director Prof. B. Durga Prasad, DAP Coordinator Mr. M. Kalyan Kumar, Teaching, non-teaching, outsourcing staff and students participated in the function.



JNTUA CEA NEWS

Engineering Workshop of Mechanical Engineering Department, JNTUA CEA refurbishes discarded tables and benches for reuse

Date: 10-01-2024

Engineering Workshop, Department of Mechanical Engineering, JNTUA College of Engineering, Ananthapuramu refurbished old benches and tables of the college which were not being used to make them useful for the students. Benches and tables were repaired using equipment and expertise available in-house at low cost. On this occasion, Hon'ble Vice Chancellor Prof. G. Ranga Janardhana, NAAC Expert Prof. T. Tyagarajan, Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, College Principal Prof. S.V. Satyanarayana and Vice Principal Prof. E. Arunakanthi appreciated the efforts of the workshop staff. OTPRI Director Prof. B. Durga Prasad, Prof. G.V. Subba Reddy IQAC Director, Mechanical Engineering HoD Dr. Kalyani Radha

and University Public Relations Officer Dr. M. Ramasekhara Reddy, Officer in Charge of Workshop Dr. P. Om Prakash, Mechanical Engineering Department staff and students participated in the program.



JNTUACEP Pulivendula Hosts Viksit Bharat@2047 Mini-Marathon

Date: 09-01-2024

Viksit Bharat@2047 is the vision of Government of India to make India a developed nation by 2047, the 100th year of its independence. The vision encompasses various aspects of development, including economic growth, social progress, environmental sustainability, and good governance.

As India stands at this crucial juncture, poised to take off on its growth trajectory, it is important to realise that tremendous dedication and belief in India's destiny, immense desire, potential, talent and capabilities of the Indians, especially the youth, coupled with steadfast leadership, is necessary to realise this potential. There is enormous work that needs to be undertaken in a mission mode to make India **Viksit Bharat @2047**. For this to happen, there is a need to chalk out a bold, ambitious and transformative agenda, and its communication to all stakeholders. The role of the youth, who constitute our largest population group, has a huge role here as they will lead India to **Viksit Bharat @2047**.

Awareness:

1. Conduct workshops to inform about Viksit Bharat @2047 and gather feedback.
2. Utilize LMS, websites, notice boards, and ERP portals to share feedback form link or QR code.
3. Organize fests, seminars, debates, and events to promote PM's principles for Viksit Bharat and urge students to submit feedback.
4. Engage alumni through emails or campus visits to discuss Viksit Bharat, inspiring students to give feedback.
5. Display standard banners at events and prominent locations on campus.
6. Use bulk mail and WhatsApp for information dissemination.
7. Place posters with feedback link and QR code at common areas like playgrounds, canteens, and hostels.
8. Launch a social media campaign with #Ideas4ViksitBharat hashtag to encourage students to share their visions.

Infrastructure

1. Designate IT Labs/Library as Viksit Bharat Ideaation Centers for feedback submission.
2. Allocate specific time slots for students to fill feedback forms.
3. Display step-by-step submission guidelines in classrooms, labs, and notice boards.

Participation

1. Distributed QR codes and feedback links across campus through posters, websites, social media, and WhatsApp.
2. Dedicated time for motivating students to submit feedback.
3. Mobilized student clubs to increase participation.
4. Encouraged sharing of experiences on social media with #Ideas4ViksitBharat.

In a spirited display of unity and vigor, Jawaharlal Nehru Technological University Anantapur College of Engineering Pulivendula (JNTUACEP) hosted a marathon on 9th January 2024 under the NSS unit within its campus premises, rallying together 1100 enthusiastic participants in support of the **Viksit Bharat @2047** initiative. The event, held under the aegis of the Prof R.Ranga Janardhana esteemed Vice Chancellor of JNTUA, Prof R.Ramana Reddy Principal JNTUACEP, Prof M Suryanarayana Reddy Vice-Principal JNTUACEP, Ms P.Manisha NSS unit-I coordinator saw an electrifying atmosphere of runners congregated to promote the ideals of a developed India by 2047.

The marathon, a testament to the institution's commitment to societal progress and holistic development, commenced amidst much fanfare and anticipation. Participants, ranging from students to faculty members, staff, and local residents, donned their running shoes with zeal, ready to traverse the designated route within the campus grounds.

The highlight of the event was the esteemed presence of the Vice Chancellor, who graced the occasion as the Chief Guest. Delivering an inspiring address, he underscored the significance of the **Viksit Bharat @2047** program in shaping the future trajectory of the nation. Emphasizing the importance of education, innovation, and inclusive growth, he articulated a vision where every citizen contributes meaningfully towards building a prosperous and sustainable India.

Speaking on the occasion, the Vice Chancellor remarked, "**The Viksit Bharat @2047** program encapsulates our collective aspirations for a progressive and developed India. It is heartening to witness such overwhelming participation from our campus community towards this noble

cause. I believe that with concerted efforts and unwavering dedication, we can realize the dream of a thriving nation by 2047.”

The marathon, not only a platform for physical fitness but also a symbol of unity and camaraderie, garnered widespread acclaim for its successful execution and impactful message. Participants, brimming with enthusiasm and determination, crossed the finish line with a sense of accomplishment, reaffirming their commitment to the ideals of Viksit Bharat @2047.

As the event drew to a close, organizers expressed their gratitude to all participants, volunteers, and supporters

for their unwavering enthusiasm and support. They reiterated their resolve to continue championing initiatives that contribute towards the holistic development and progress of the nation.

CONCLUSION

The marathon at JNTUACEP Pulivendula served as a resounding testament to the power of collective action and shared vision in driving positive change. With events like these, the journey towards a Viksit Bharat by 2047 takes a significant stride forward, fueled by the passion and determination of its citizens.



About the Author



Ms P.Manisha is an Assistant Professor and NSS Unit Programme Officer Unit-I at JNTUA college of Engineering Pulivendula. She has been serving the Institution since 2011 and has a teaching experience of 13 years. She has served in various capacities in administering the duties like Project Engineer, Head of the Department, BoS Chairman, Officer Incharge of Academic Section, NSS Programme Officer.

NAAC preparedness review meeting organised by the Directorate IQAC addressed by Prof T.Thayagarajan, Professor Emeritus of Anna University, TN.

Date: 10-01-2024

IQAC Directorate of JNTUA conducted a meeting at JNT University Ananthapuramu in connection with the visit of NAAC expert Prof. T. Thyagarajan of Anna University and an alumnus of the Ananthapuramu Engineering College. Speaking on the occasion, Vice Chancellor Prof. G. Ranga Janardhana said that everyone should work for a good NAAC grade. He said that the NAAC recognition will improve the quality standards of the university. University can be well recognized with everyone's hard work. Prof. T. Thyagarajan of Anna University, who was the key note speaker for the event, explained the action plan for getting good scores in various criteria. He said that Teaching, Learning, Research, Infrastructure and Alumni Contributions should be focused. He thoroughly explained how to prepare for NAAC accreditation process. He suggested that everyone should work hard to get a good NAAC grade.

The event was attended by Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, IQAC Director Prof. G.V. Subba Reddy, University Directors, Principals, Vice Principals of Ananthapuramu, Pulivendula Engineering Colleges and others.



XIII Convocation Success Meet @ Aryabhata Auditorium of the New University Administration Building of JNTUA Ananthapuramu

Date: 12-01-2024

Success meet for the **XIII Convocation** was held at the Aryabhata auditorium in the New University Administration Building on **12th January** (Friday). Speaking on the occasion Hon'ble Vice Chancellor Prof. G. Ranga Janardhana said that JNTU Anantapur University XIII Convocation has been highly successful, and presence of Hon'ble Governor of Andhra Pradesh Justice S. Abdul Nazeer made it even more special. He added that every aspect of the convocation went well and lauded all the committee members who made it possible. Prof. M. Vijaya Kumar thanked all members of the University whose cooperation made the convocation a grand success. Prof. C. Sashidhar speaking on the occasion thanked all Government Department Officials of Anantapur especially the Collectorate, Revenue and Police Departments for their support in the successful comple-

tion of the convocation. Directors, HODs, Coordinators, Conveners, Committee Members, College Principal and Vice Principal, Teaching, Non teaching staff and Outsourcing staff attended the function.



Prof. G. Ranga Janardhana felicitated on the eve of his completion of tenure as Vice Chancellor

Date: 17-01-2024

Hon'ble Vice Chancellor Prof. G. Ranga Janardhana was facilitated at Vice Chancellor's conference hall at the University by the Rector Prof. M. Vijay Kumar, Registrar Prof. C. Sashidhar, University Directors, College Principal, Vice Principal, HODs and University Non -Teaching Staff.

On this occasion, the Vice -Chancellor said that every employee had cooperated and contributed for the development of the University during his three years tenure. He said that it was great feeling being a student of this college and to celebrate 75 years of Engineering College as a Vice Chancellor. Speaking on the occasion Rector Prof. M. Vijay Kumar said that Prof. G. Ranga Janardhana has taken the University ahead with the cooperation of everyone. He has worked hard to get NBA recognition for the departments of JNTUA College of Engineering Ananthapuramu and to get good NIRF ranking for the University. Registrar Prof. C. Sashidhar presided over the

function. University Directors Prof. V. Sumalatha, Prof. E. Keshava Reddy, Prof. Kiranmai, Prof. C. Shoba Bindu. Prof. R. Padma Suvarna, Prof. A. Suresh Babu, Prof. B. Eswara Reddy, Prof. N. Visali, Prof. V. B. Chitra, College Principal Prof. S.V Satyanarayana, Vice Principal Prof. E. Arunakanthi, Controller of Examinations Prof. B. Chandra Mohan Reddy, HoDs, Teaching Staff, Coordinators, Adhoc Staff, Non-teaching staff and outsourcing Staff attended the felicitation function. Later at JNTUA CE Ananthapuramu, Principal Prof. S.V Satyanarayana and Vice Principal Prof. E. Arunakanthi felicitated Vice Chancellor Prof. G. Ranga Janardhana at the college conference hall in the presence of the HoDs Dr. G. Mamma, Dr. K.F. Bharathi, Dr. M. Ramasekhara Reddy, Dr. K. Kalyani Radha, Dr. A. Shaila Kumari, Dr B. Dilip Kumar, and Mrs. B. Ajitha. Teaching and non-teaching staff and outsourcing staff were present on the occasion. Later in the evening.



Prof. G. Ranga Janardhana felicitated by the Teachers Association of JNTUA CE Ananthapuram

Date: 17-01-2024

Prof. G. Ranga Janardhana was felicitated in the college auditorium by the Teachers Association Members of JNTUA CE Ananthapuramu in the evening of 17th January 2024 (Wednesday). The meeting was presided by the Teachers Association president Prof. T. Narayana Reddy. Vice President Dr. K. Jayalakshmi, Secretary Dr. S. Sharada, Joint Secretary Prof. Siva Kumar, Treasurer Dr D. Vishnu Vardhan and members of teachers association were present. Members profusely lauded the Vice Chancellor for taking many welfare measures especially timely promotion of all staff. A sumptuous dinner followed the felicitation programme.





Yogi Vemana Birthday Celebrations @ JNTUA Ananthapuramu

Date: 19-01-2024

Yogi Vemana Jayanthi celebrations were held at JNTUA administration building on **19.01.2024** (Friday). Registrar of the University Prof. C. Sashidhar and University officials paid floral tributes the portrait of Yogi Vemana. Speaking on this occasion, Registrar said Yogi Vemana is a famous poet who has acquired continental reputation for his poems in Telugu language. He added that Vemana lived during 1652 – 1730 and his poems were first translated into Eng-

lish and printed in a book in 1839 by Sir Charles Philip Brown. University Directors Prof. V. Sumalatha, Prof. E. Keshava Reddy, Prof. Kiranmai, Prof. C. Shobha Bindu, Prof. R. Padma Suvarna, Prof. A. Suresh Babu, Prof. B. Eswara Reddy, Prof. N. Vishali, Prof. V. B. Chitra, College Principal Prof. S.V Satyanarayana, Vice Principal Prof. E. Arunakanthi, HoDs, teaching staff, University Coordinators, non-teaching staff and outsourcing staff attended the birthday celebration.



Prof. G.V.R. Srinivasa Rao takes charge as new Vice Chancellor of JNTUA Ananthapuramu

Date: 20-01-2024

Dr. G.V.R. Srinivasa Rao, Professor of Civil Engineering, Andhra University assumed the responsibilities of Vice Chancellor of JNTU Anantapur on **20.01.2024** (Saturday). Speaking on the occasion the Vice Chancellor said he shall work tirelessly for the development of the University. He said that every employee's support is needed for the development of the University. He said that in the coming period, he with the support of all employees of the University would be able to take the University to a higher position. Rector Prof. M. Vijaya Kumar, Registrar Prof. C. Sashidhar, University Directors Prof. V. Sumalatha, Prof. E. Keshava Reddy, Prof. Kiranmai, Prof. C. Shobha Bindu, Prof. R. Padma Suvarna, Prof. A. Suresh Babu, Prof. B. Eswara Reddy, Prof. N. Vishali, Prof. V. B. Chitra, Prof. P. Sujatha, Prof. G.V. Subba Reddy, College Principal Prof. S.V. Satyanarayana,

Vice Principal Prof. E. Arunakanthi, Controller of Examinations Prof. B. Chandra Mohan Reddy, University PRO Dr. M. Ramasekhara Reddy, HoDs, Teaching Staff, University Coordinators, Adhoc Teaching staff, non-teaching staff and the outsourcing staff congratulated the new Vice Chancellor and presented floral bouquets.





Memorable 75th Republic Day Celebrations @ JNTU Anantapur

Date: 26-01-2024

JNTU Anantapur celebrated the **75th Republic Day** on **26.01.2024** (Friday) in the JNTUA College of Engineering Ananthapuramu sports ground. Vice Chancellor Prof. G.V.R. Srinivasa Rao was the chief guest of the program. Prof. Srinivasa Rao hoisted and saluted the National flag. Later he inspected the guard of honor and the parade by the different contingents of the college. On this occasion the Vice Chancellor Prof. G.V.R. Srinivasa Rao congratulated the students, faculty and staff of the University. He said that we have completed 75 years of Republic Day and our country has achieved development in many fields during these years. The Vice-Chancellor stated that students should play a vital role in the development of India and make new innovations useful to the common people as well. He also asked all the teaching and non-teaching staff working in the university to work together and make the university the best university in the country. Honors degree, minors degree, skill orient-

ed courses and community service project internships have been designed in the new syllabus, he said. Later, certificates were handed over to the students who won the games competitions organized on the occasion of Republic Day. Later students and staff were entertained with cultural programs. The program was organized by the Physical Education Department of Ananthapuramu Engineering College under the patronage of Principal Prof. S.V. Satyanarayana. Registrar Prof. C. Sashidhar, University Directors, College Principal Prof. S.V. Satyanarayana, OTPRI Director Prof B. Durga Prasad, Vice Principal Prof. E. Arunakanthi, College HoDs, PRO Dr. M. Ramasekhara Reddy, Sports Council Secretary Mr. Joji Reddy, NSS Coordinator Dr. S. Sharada, NSS Program Officers, OTPRI staff, teaching and non-teaching staff, outsourcing staff and students in large numbers made the celebration memorable.



75th Republic Day Celebrations on 26 January 2024

....A Pictorial Report



Hon'ble Vice Chancellor Prof. G. V. R. Srinivasa Rao arriving at College Play Grounds for the celebrations, escorted by NCC Cadets.



Salutation of National Flag by Hon'ble Vice Chancellor



Release of Tricolor balloons by the Hon'ble Vice Chancellor Prof. G. V. R. Srinivasa Rao, Registrar Prof. C. Sashidhar and Principal of JNTUA CEA Prof. S.V. Satyanarayana.



Address by Hon'ble Vice Chancellor



University and College Officials, Alumni seen at the celebrations.



March Past Contingents



NCC Cadets Contingent



Civil Engineering Students Contingent



OTPRI Pharm.D Students Contingent



M.Tech. All Specializations Students Contingent



School of Management Studies (SMS) M.B.A. Students Contingent

Cultural Events by Students @ Republic Day Celebrations



SKIT BY NCC CADETS



Freshers Day Celebrated @ Oil Technological & Pharmaceutical Research Institute (OTPRI) Ananthapuramu

Date: 27-01-2024

OTPRI, Ananthapuramu the constituent unit of JNTU Anantapur organized welcome program for 2023 admitted batch of B.Pharm.students on **27.01.2024 (Saturday)**. Hon'ble Vice-Chancellor Prof. G. V. R. Srinivasa Rao was the chief guest of the program. Vice Chancellor Prof. G.V.R. Srinivasa Rao inaugurated the program by lighting the traditional lamp. Speaking on the occasion, the Vice-Chancellor spoke about the greatness of B.Pharmacy and importance of time. He asked them to always remember the college and the teachers who are responsible for the success of the students. He asked the students who have joined the college to study with discipline and strive to reach higher heights and to establish a healthy laboratory in the way of human life. He said that awareness should be increased on the latest technology and service quality should also be there. Prof. B Durga Prasad, Director OTPRI while welcoming the new students of B.Pharmacy, said that they should

get along without discrimination of seniors and juniors. Afterwards, all the students participated in the cultural programs and expressed their happiness. Principal of the college Dr. C. Gopinath, Assistant Registrar Mr. G. Sankar Reddy, teaching, non-teaching staff, students and outsourcing staff participated.



CONTRIBUTION OF ARTICLES TO THE E-MAGAZINE

TECH ANANTH

The members of the JNTUA fraternity all students, faculty and alumni are requested to contribute for publication in the monthly illustrated on-line e-magazine 'Tech Ananth' of the University. The members can send submission to the editorial team email id <emagazine@jntua.ac.in>. the members can send reports of important events along with photos details of achievements such as awards, prestigious assignments and funded projects, success/inspirational stories for alumni, articles on science and technology which induce technical respective fields can write to the same email id by including <career counselling request> in the subject-line of the email id. Senior professors of the University shall answer to the counselling related questions which will be published. Members contributing articles shall give their full details such as Name, Designation, College, and Department with mobile number and email ID for correspondence.

Editorial Team
emagazine@jntua.ac.in

KSRM College of Engineering KADAPA - 516 005.

◆ Events Organized during the Month of January – 2024.

- Department of EEE in association with Alumni cell and Placements cell organized guest lecture on career guidance on **3rd Jan 2024**. Students attended the programme in large number. Smt. Thabaswamand Sri. Kalyan Kumar, faculty of E.E.E acted as the coordinators for this programme.
- KSRM College Students actively participated in live broadcast of APSCHE Online Orientation Program for 2000 Future Skill Experts on **09.01.2024**.
- The Department Civil Engineering arranged a field visit to “Bharathi Cement Factory, Kadapa (D)” for Vsem Students. In this visit, students gained valuable insights from the personnel on the manufacturing process of cement and seasonal challenges of storage and dispatch of cement bags. The visit was supervised by Smt. V Subbamma, Asst. Prof., Sri G Venkateswarlu, Asst. Prof., and Sri Y Dasthagir Asst. Prof., Dept. of CE, KSRMCE (A).
- Cultural Club & Festivity Committee organized Sankranthi Sambaralu in the college premises on **12th of January, 2024**. Smt. K. Rajeswaramma, Correspondent, teaching and non-teaching staff, students were present.
- The Department of ECE Organized an Elocution Competition on the occasion of Public Radio Broadcasting Day on **13-01-2024**. Dr. G. Hemanlatha, Professor and HoD, attended the event as the chief guest. The fraternity of ECE and students attended the programme.
- KSRMCE-IIC Conducted a session on “Entrepreneurial Opportunities in Circular Economy” on **25-1-2024**. Students showed enthusiasm to participate in this online event. Faculty guided the students well.
- The Physical Education Department of KSRM Engineering College organized the **75th Republic Day** celebrations in the college sports grounds on **January 26th**. On this occasion the students of Scouts and Guides of the college marched through and saluted the national flag. Dr. K. Chandra Obul Reddy, Managing Director of Kandula Group of Institutions attended the programme as the chief guest. Students, teaching and non teaching staff were also present.
- The Department of H&S organized a value added course on Gender Sensitisation for V semstudents. Around 25 students registered the course and completed the course successfully on **28th Jan, 2024**. Sri.K. Vijaya Bhaskar Reddy and Sri. K. Ewar Reddy, faculty of English acted as the resource persons for this course. Smt.

Y. VijayaSree, Asst. Professor, acted as the coordinator. Prof. Sreevani. Indireddy guided the programme as the convener.

- **Sri. J. Suresh Babu**, Asst. Professor, Mechanical Engineering has been received Congratulations for Best NSS State Programme officer and Mr. D.Santhosh Reddy, AIML student received **NSS Best Volunteer Award** by Higher Education Commissioner Dr.P.Bhakar IAS, Higher Education Member and State NSS Officer P.Ashok Reddy in A.P Secretariat, Velagapudi, Amara-vathi in the month of **January, 2024**.

Faculty Achievements

1. Dr. T. Mari Prasath, Associate Professor, E.E.E dept. has delivered a lecture on Alternate Liquid, Dielectrics to M. Tech Renewable Energy Students, The Gandhigram RualInsitute – Deemed to be University, Tamil Nadu as part of the Invited Lecture Series on **5th Jan, 2024**.
2. Dr. M.Venkatanarayana, Professor in ECE, Dean R&D and Dr. Sonukumar Associate Professor in ECE, Member of R&D Cell Participated in IIC Regional meet 2024 at KL Education Foundation, Vijayawada on **6th Jan, 2024**.
3. Dr. T Kiran Kumar, Professor, Dept. of Civil Engineering, has presented a research article on “Storm Water Design” at an “International Conference on Generic and Pedagogical Research Evolutions in Civil Engineering and its Allied Sciences (IC-GPREC-2023) on **10-11-2023**.
4. Dr. G. Hemalatha, Professor and HoD; Dr. V. Adinarayana Reddy, Professor and Dean participated in 9th India International Science Festival, NCR Biotech Science Cluster, Faridabad, Haryana from **17th Jan to 20th Jan, 2024** organized by Ministry of Earth Sciences, Department of Space and Atomic Energy and Government of Haryana in association with Vignana Bharathi.
5. Dr. Chouturu Manoj Kumar working as Assistant Professor in Department of Humanities & Sciences published a Research Paper entitled on “A STUDY ON CUSTOMER BEHAVIOR TOWARDS UPI PAYMENT” in the Edited Book “Innovative Business Practices for Sustainable Development” Universal Research Academy, ISBN Number: 978-81-964689-6-5 in the month of **January 2024**.
6. Dr. V. Venkata Ramana, Professor, C.S.E department, has published a patent on Wireless Block chain Security Device Design Application No. 402281M Cbr No. 215962 **Jan, 2024**.
7. Sri. Kalyankumar of EEE department participated in Stakeholders workshop on AICTE Approval Process 2024-2025” at Osmania University, Hyderabad.

News from University



1. Hon'ble Vice Chancellor visited Raj Bhavan, Vijayawada on **02.01.2024** and invited Hon'ble Governor of Andhra Pradesh and Chancellor of the University, Justice S. Abdul Nazeer for the 13th Convocation of the University to be held on **06.01.2024**.
2. 13th Convocation of JNTUA, Ananthapuramu was held on **06.01.2024**, which was graced by Justice S. Abdul Nazeer, Hon'ble Governor, Andhra Pradesh. Hon'ble Vice Chancellor, Rector, Registrar, Directors, University officials, Executive Council members, Staff and Students attended the program.
3. Hon'ble Governor of Andhra Pradesh, Justice S. Abdul Nazeer inaugurated the New Administrative Building of JNTUA, Ananthapuramu through virtual mode on **06.01.2024**.
4. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with University Officials, Directors, Principals and HODs of Constitute Colleges on **08.01.2024** regarding forthcoming NAAC peer team visit.
5. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor with University Officials, Directors, Principals and HODs of Constitute Colleges on **10.01.2024 & 11.01.2024** regarding forthcoming NAAC peer team visit.
6. Prof. G.V.R. Srinivasa Rao, Department of Civil Engineering, Andhra University, Vishakapatnam is appointed as Vice Chancellor of JNTUA, Ananthapuramu, vide G.O.Ms. No.6 dated: 17.01.2024. Prof. G.V.R. Srinivasa Rao assumed charge as Vice Chancellor of JNTUA, Ananthapuramu, on **20.01.2024**. The Rector, Registrar, Directors, University officials and staff were present on the occasion.
7. A NAAC review meeting was held under the Chairmanship of Hon'ble Vice Chancellor with University Officials, Directors, Principals, NAAC criteria in charges, Heads of the Departments, Physical Director, Medical Officer, Officer in Charge of Hostels on **20.01.2024**.
8. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor on **20.01.2024** in connection with final submission of NIRF 2024 ranking data in the portal. The Rector, Registrar, DAP and Criteria in charges attended the meeting.
9. Hon'ble Vice Chancellor visited and inspected the departments of JNTUA College of Engineering, Ananthapuramu on **21.01.2024**. The Principal and Vice Principal of the college accompanied Hon'ble Vice Chancellor.
10. Hon'ble Vice Chancellor attended all Vice Chancellors meeting through Virtual mode hosted by the Chairman, APSICHE on **22.01.2024**.
11. A meeting was held under the Chairmanship of Hon'ble Vice Chancellor on **22.01.2024** in connection with final submission of NIRF 2024 ranking data in the portal. The Rector, Registrar, DAP and Criteria in charges attended the meeting.
12. Hon'ble Vice Chancellor visited and inspected the departments of JNTUA College of Engineering, Ananthapuramu on **23.01.2024**. The Principal and Vice Principal of the college accompanied Hon'ble Vice Chancellor.
13. Hon'ble Vice Chancellor attended Republic Day Celebrations of the University as Chief Guest on **26.01.2024**. The Rector, Registrar, University officials, Principal, faculty, non-teaching staff and students attended the program.
14. Hon'ble Vice Chancellor inaugurated the Free Eye Checkup camp conducted by the NSS Units of JNTUA college of Engineering, Ananthapuramu in association with Smart Vision Eye Hospital, Hyderabad on **26.01.2024**. The Rector, Registrar, University Officials, Principal, Vice Principal, teaching and non-teaching staff, students participated in the program.
15. Special Meeting of Standing Committee for Academic Senate was held under the Chairmanship of Hon'ble Vice Chancellor on **27.01.2024**. The Rector, Registrar, members of the Standing Committee for Academic Senate, Director of Research & Development attended the meeting.
16. A NAAC review meeting was held under the Chairmanship of Hon'ble Vice Chancellor with University Officials, Directors, Principals, NAAC criteria in charges, Heads of the departments, Physical Director, Doctor, Hostel in Charges on **27.01.2024**.
17. Hon'ble Vice Chancellor visited and inspected the departments of JNTUA College of Engineering, Ananthapuramu on **27.01.2024**. The Principal and Vice Principal of the college accompanied Hon'ble Vice Chancellor.

University Examinations Results



JNTUA OTPRI

Hon'ble Vice Chancellor attended as a Chief Guest for the **Fresher's Day 2024** program organized by JNTUA OTPRI, Ananthapuram on **27.01.2024**. The Director, Principal, faculty, non-teaching staff and students attended the program.

Results of the semester end examinations conducted by the university declared in the month of **January 2023** are as below.

05-01-2024

Challenge Valuation results of B.Tech II Yr I sem (R19) Supple Aug/Sep 2023 Exams

19-01-2024

RRecounting results of Pharm.D I Year (R17) Reg & Supple November 2023 Exams

25-01-2024

Recounting results of B.Pharm IV Yr I sem (R15) Supple Nov/Dec 2023 Exams.

30-01-2024

Results of B.Tech II Yr I sem (R20) Reg & Supple December 2023 Exams •

News from Affiliated Colleges

- JNTUA College of Engineering Pulivendula in collaboration with ISTE and Geethanjali Institute of Technology & Sciences, Nellore conducted a seminar "Recent trends in Robotics" on **08.01.2024**.
- Faculty Development Cell, JNTUA & Geethanjali Institute of Science & Technology organized a workshop on "Recent Trends in Robotics and Automation" from **08th to 12th January 2024**.
- Faculty Development Cell, JNTUA & Narayana Engineering College, Nellore organized a workshop on "Applications of Artificial Intelligence" from **22nd to 27th January 2024**.



JNTUA PULIVENDULA



JNTUA KALIKIRI

Hon'ble Vice Chancellor visited and participated in the Mini Marathon as part of Viksit Bharat Program, conducted by JNTUA College of Engineering, Pulivendula on **09.01.2024**. The principal, faculty, non-teaching staff and students attended the program.

Hon'ble Vice Chancellor visited JNTUA College for Engineering, Kalikiri on **09.01.2024** and interacted with teaching faculty.



“ Books / Book Chapters Published ”

1. **Mr. G Kumar Swamy**, faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a book titled “Power Electronics and Renewable Energy Systems” ISBN number 978-81-19359-80-6 by Cosmos Scientific Publications.
2. **V. R. Sai Devayani**, faculty of Sri Venkateswara College of Engineering, Tirupati published a book titled “Building Materials and Technologies”. ISBN No. 978-93-5850-742-3, Kalam Kraft publication.
3. **Dr. Konda Hari Krishna**, faculty of Sree Vidyanikethan College of Engineering Tirupathi published a Book on “Cloud Computing Technology and Application” ISBN:978-93-5850-531-3 by JEC Publication.
4. **Dr. Konda Hari Krishna**, faculty of Sree Vidyanikethan College of Engineering, Tirupathi published a Book on “Data Analysis: Principles, Tools, and Practices” ISBN: 978-93-5850-592-4 by JEC Publication.



“ Patents Published/ Awarded ”

1. **Prof. E. Keshava Reddy** and **Dr. A. Saila kumari**, faculty of JNTUA College of Engineering, Anantapur published a patent on “AI-based E-development board specifically tailored for kids” A.P.No: 6323215.
2. **Dr. V.N.V. Satya Prakash**, faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a patent on “Head Scanning Device to Diagnose Brain Activity Problems” Indian Design patent No: 396610-001, filed on October 04, 2023, and issued on January 05, 2024.
3. **Dr. V.N.V. Satya Prakash**, faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a patent on “A Novel Mini Rice Quality Testing Machine for Farmers” Indian Design patent No: 397684-001, filed on October 16, 2023, and issued on January 05, 2024.
4. **G Naga Pavani**, faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a patent on “Enhancing Cyber Security in Leveraging Machine Learning Models for Detecting Distributed Denial of Service Attacks in Agriculture 4.0”, by Indian Patent, Application No.202341088178, dated on 12-01-2024.
5. **Dr. B.M. Manjunatha**, faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a patent on “Solar Powered Smart Electric Vehicle” on 4th January 2024. Design number: 399702-001
6. **Dr. D. Lenine, P Sai Sampath Kumar, P. Sesikiran** and **Dr. J Surya Kumari** faculty of Rajeev Gandhi Memorial College of Engineering & Technology published a patent on “Nano-Enhanced PCM Formulations for Rapid charge/Discharge in EV Thermal Energy Storage Systems” on 5th January 2024. Application number: 202341084574.
7. **Dr. K. Venkateswara Raju** and **Ms. S. Varalakshmi Bai** faculty of Sri Venkateswara College of Engineering, Tirupati published a patent “Innovative Computational Approaches for MHD Stabilization in Newtonian and Non-Newtonian Fluids”, with Application No: 202341084869, Published on 12.01.2024.
8. **Dr. K. Venkateswara Raju**, and **Ms. A.Thriveni** faculty of Sri Venkateswara College of Engineering, Tirupati published a patent “High-Efficiency Algorithms for Simulating MHD Interactions in Multi- Phase Newtonian and Non-Newtonian Fluids”, with Application No: 202341086152 Published on 12.01.2024.

Journal/Conference Publications

- The faculty members of the University published 13 research papers and affiliated colleges have published 68 research papers in peer reviewed journals, seminars & conferences during this month.

Projects Initiated/ completed

- Department of Civil Engineering, JNTUA College of Engineering Ananthapuramu generated an amount of Rs. 2,30,809/- through Industrial Consultancy Services.

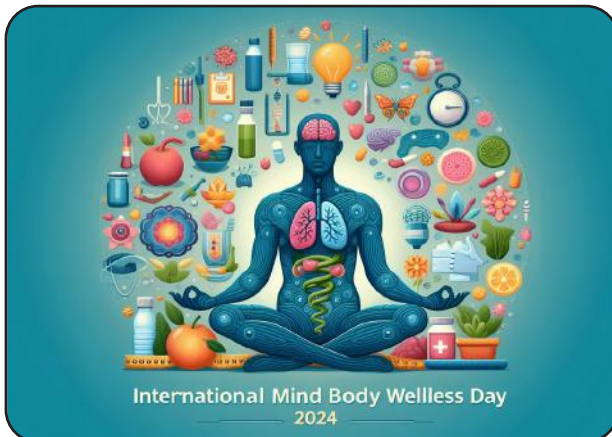
Important National & International Days in January



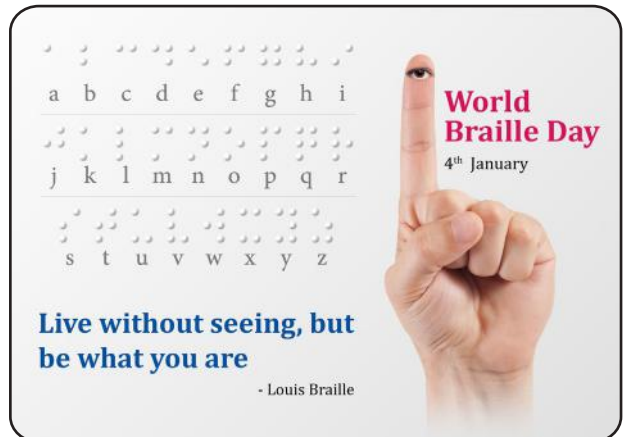
1 January – Global Family Day : It is celebrated as a day of peace and sharing. Its aim is to unite and spread a message of peace by considering and promoting the idea that Earth is one Global Family so as to make the world a better place to live for everyone.



2 January- World Introvert Day January 2 is observed as World Introvert Day in order to better understand the numerous introverts all over the world. It is the ideal day to honor introverts by giving them the time and space they require



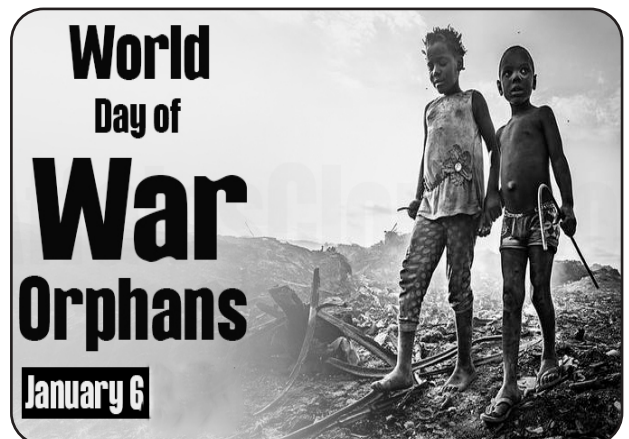
3 January- International Mind Body Wellness Day
On January 3, it's International Mind-Body Wellness Day, a time to recommit to loving both our bodies and minds by putting new strategies for development and wellness into action.



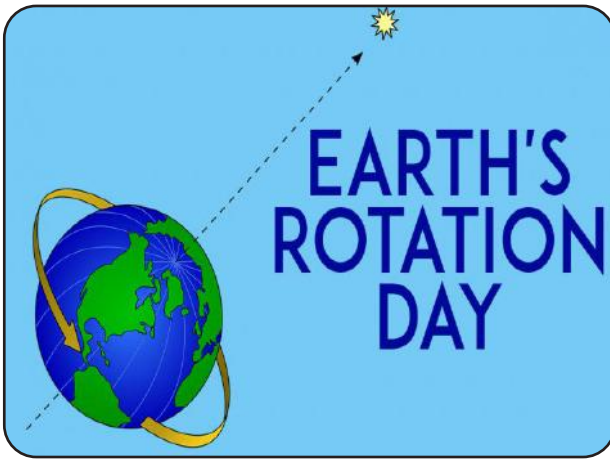
4 January - World Braille Day
In remembrance of the birth of Louis Braille, the inventor of Braille, January 4 is marked as World Braille Day. The day also recognizes that people with visual impairments should have the same access to human rights as everyone else.



5 January- National Birds Day :On January 5, National Bird Day is celebrated to raise awareness of the value of tiny tweets in the ecosystem.

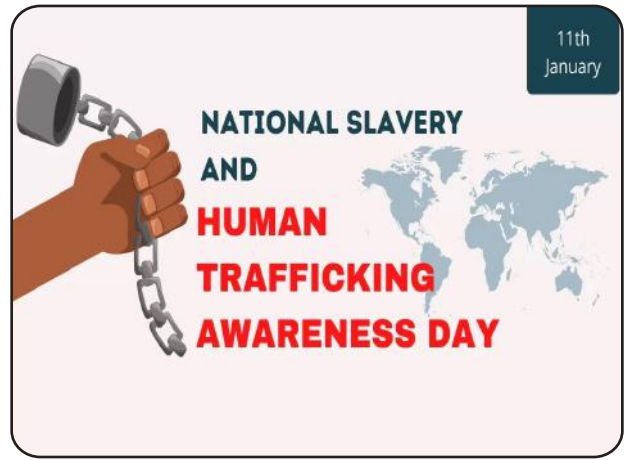


6 January - World Day of War Orphans : On 6th January every year, World Day of War Orphans is celebrated to create awareness about the plight of war orphans and to address the traumatic conditions faced by them.



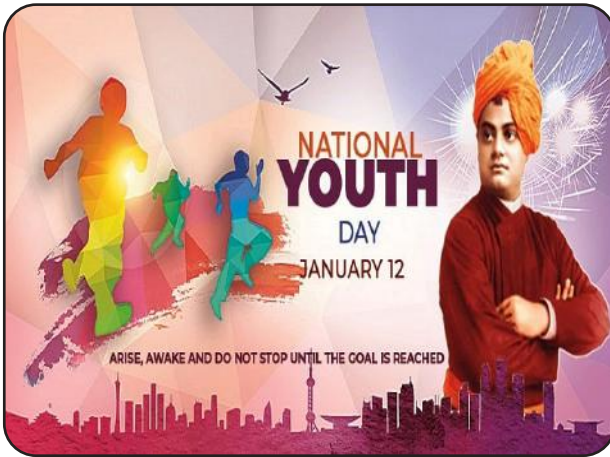
8 January- Earth's Rotations Day

Every year, January 8 is recognized as Earth Rotation Day. Today marks the anniversary of French physicist Leon Foucault's 1851 proof that the Earth revolves on its axis.



11 January - National Human Trafficking Awareness Day

It is observed on 11 January to spread awareness about the persistent issue of human trafficking. This day aims to raise awareness about the plight of human trafficking victims, as well as to promote and protect their rights.



12 January – National Youth Day

The birth anniversary of Swami Vivekananda also called Swami Vivekananda Jayanti is celebrated every year on 12 January. He was born on 12 January 1863. The government had decided to observe it as Rashtriya Yuva Diwas because the philosophy of Swamiji and the ideals for which he lived and worked could be a great source of inspiration for the Indian Youth.



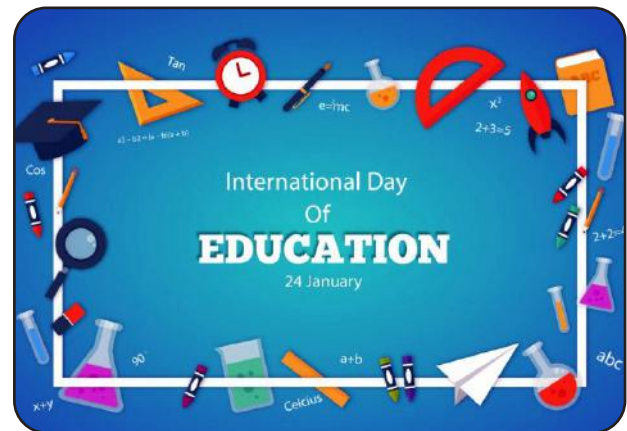
15 January – Indian Army Day

Every year 15 January is observed as Indian Army Day because on this day in 1949 field Marshal Kodandera M Cariappa took over as the first Commander-in-Chief of the Indian Army from General Sir Francis Butcher, the last British Commander-in-Chief.



16 January- National Startup Day

Prime Minister Narendra Modi declared January 16 as National Startup Day in the year 2021. Since then various programs and events are organized by government and non-government organizations to applaud and promote the Indian startup ecosystem.



24 January - International Day of Education

International Day of Education is observed on 24 January every year to support transformative actions for inclusive, equitable, and quality education for all.



24 January- National Girl Child Day

On 24 January every year, National Girl Child Day is celebrated to highlight the inequalities faced by a majority of the girls in India, the importance of education, nutrition, legal rights, medical care and safety of girl children, etc.



25 January- National Tourism Day

Every year on 25 January National Tourism Day is celebrated in India to raise awareness and educate people about the importance of tourism and the role it plays in the Indian economy.



25 January- National Voters Day

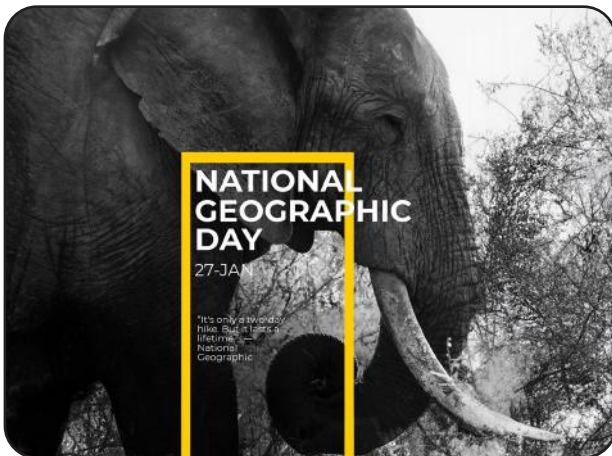
Every year on 25 January National Voter's Day or Rashtriya Matdata Diwas is celebrated to encourage young voters to participate in the political process. In 2011 the first time this day was celebrated to mark Election Commission's Foundation Day.



26

January- Republic Day

On 26 November, 1949 the Indian Constituent Assembly adopted the Constitution the supreme law of the land and replaced the Government of India Act 1935. It came into effect on 26 January 1950 with a demo-



27 January- National Geographic Day

Every year on January 27, National Geographic Day is observed all across the country. It is a day set aside to honour the "National Geographic Magazine," which has been published continuously for more than a century.



29 January- Indian Newspaper Day

A day set aside to honour the beginning of newspapers in India is known as Indian Newspaper Day. This day is intended to raise awareness of Indian newspapers. Indian Newspaper Day, which is observed on January 29th each year, is today.



What are you Waiting for?

My dear students, as someone said “If you keep waiting for the right time, it may never happen. Sometimes you have to make the most of the time you have”. Similarly, instead of waiting for the right opportunity, you have to make the best use of the available opportunities because the opportunity is everything. There are a plethora of opportunities available to you to make yourself equipped with the knowledge and skills. We are living in the era of the digital revolution and information is available at your fingertips, unlike in the past decades. There are ample amount of e-resources available to hone your skills and build your networks. Many reports like the NASSCOM report have been warning us that only 10-15% of students are employable. Others aren't employable because they don't possess the required communication skills. We have been witnessing these warnings for decades, but many of you are not improving your communication skills and other job skills. Despite knowing the indispensable nature of these skills, why are you not acquiring these skills? What are you waiting for?

We very quickly responded to the Y2K revolution by skilling ourselves and we succeeded in asserting ourselves globally in the IT industry. However, if we don't heed the warnings and fail to exploit the opportunities available during this Industry 4.0, we will definitely miss the 'Skill Bus'. If we miss the 'skill bus', the damage will be very extensive and irrecoverable. Ultimately, you (students) are going to lose in the end. Did you know that countries across the world are looking for skilled and knowledgeable youth to work in their nations? The demographic dividend is a boon for India and the benefits can be reaped only if you are ready to face the future global challenges. Around 7 crore jobs are waiting for skilled Indians. What are you waiting for when you



know and have everything available at your fingertips?

My dear students, education isn't only about getting the degrees but a continuous learning process acquiring values, knowledge, and skills. It is very easy to acquire the skills and learn communicative English. Start conversing in English every day for 6 months. You will notice a remarkable transformation in your English communication. When school-going children of Bendapudi village can speak very good English with next to nothing facilities, why can't you speak? You have immense potential in exploiting the available opportunities and we have witnessed your talent & creativity in the videos you made for various digital platforms. When you have grit, commitment, and determination for other things, you must use them in acquiring the skills and knowledge. You have that talent and you can do it. In this endeavour, APSCHE is playing an indispensable role in transforming you into enlightened and employable citizens. Stop waiting for the right time, the right moment, and the right everything – there is no right time except the moment you decide to do it. Please don't wait for the things to happen but make the things happen. Make yourself a role model for your fellow students to emulate...

అవకాశం మన అవసరానికి బానిస కాదు
కోటి లక్షలీదీనా కోల్పోయిన క్షణం తిరిగి రాదు
కాలానికి మానవుడిపై ఏ దయా లేదు
అలసత్వానికీ, నిర్లక్ష్యానికీ అపజయం, అపమానం తప్ప ఫలితం లేదు

Prof. K. Hemachandra Reddy
Chairman, APSCHE



01.01.2024 New Year Breakfast Meeting and Cake cutting organised by Teachers Association JNTUA CEA @ New Administrative Building JNTUA.



04.01.2024 Briefing on 13th Convocation by Prof. G. Ranga Janardhana @ Press Meet.



05.01.2024 Prof. K. Hema Chandra Reddy, Chairman AP-SCHE interacting with students of JNTUA CEA.



08.01.2024 NAAC review meeting chaired by Hon'ble Vice Chancellor Prof. G. Ranga Jarnardhan @ New VC Conference Hall



27.01.2024 NAAC review meeting chaired by Hon'ble Vice Chancellor Prof. G.V.R.Sreenivasa Rao @ New VC Conference Hall, also seen is Prof. K. Balaveera Reddy.



29.01.2024 NAAC review meeting chaired by Hon'ble Vice Chancellor Prof. G.V.R.Sreenivasa Rao @ New VC Conference Hall,

Tech Ananth

**JAWAHARLAL NEHRU TECHNOLOGICAL
UNIVERSITY ANANTAPUR**

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